



HP Pavilion G6 disassembly for cleaning

Disassembly to clean dust from the fan and heat sink.

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INTRODUCTION

Disassembly to clean dust from the fan and heat sink.

TOOLS:

- [iFixit Opening Tools](#) (1)
- [iFixit Opening Picks set of 6](#) (1)

Optional

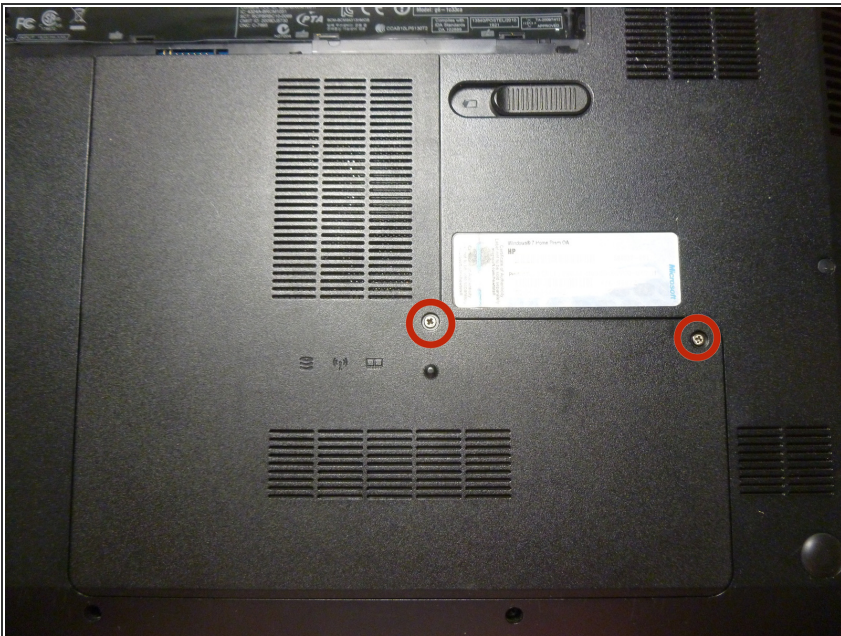
- [Phillips #1 Screwdriver](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Spudger](#) (1)
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Step 1 — HP Pavilion G6 disassembly for cleaning



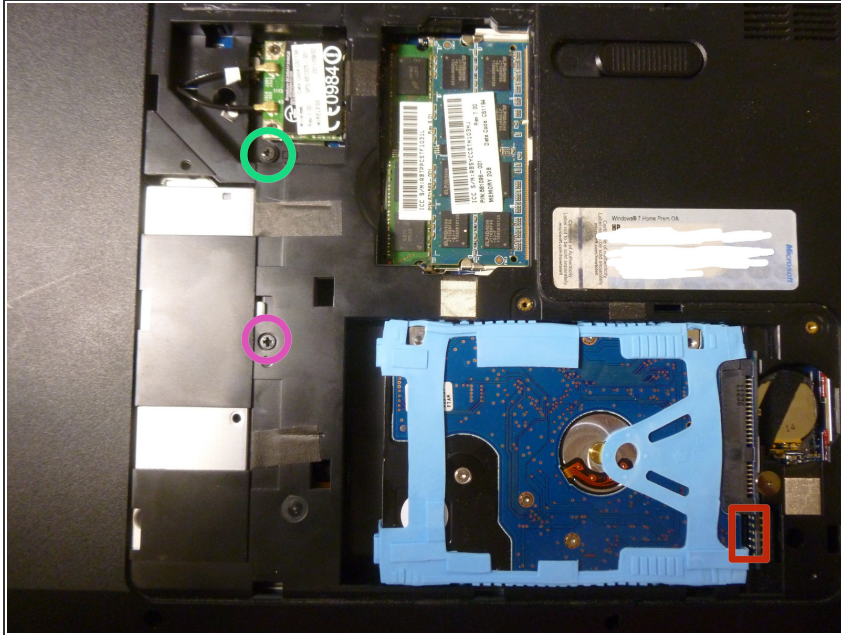
- Power off and unplug the laptop.
- Then, remove the battery. Move the switch in the direction indicated, take the battery out, and set aside.

Step 2



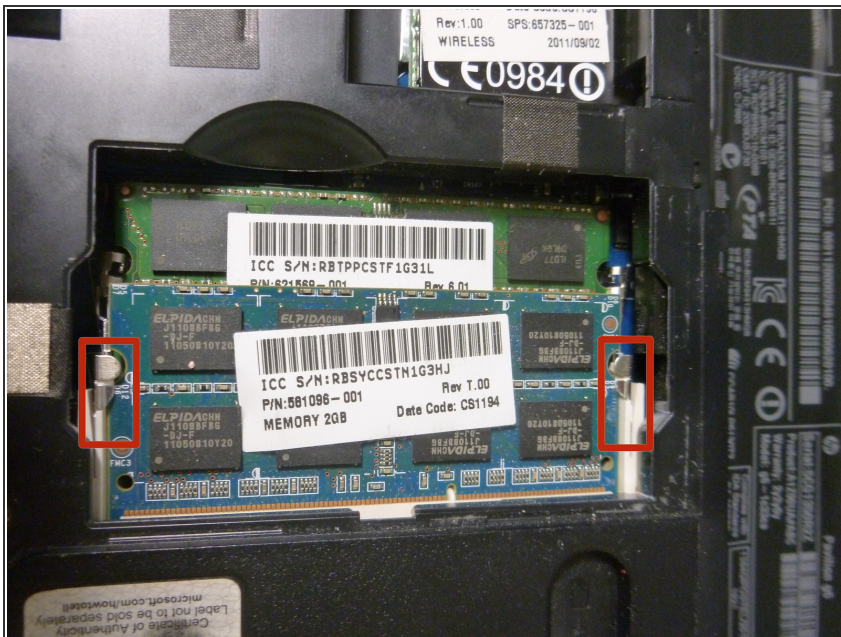
- Loosen the two screws indicated (they won't come out all the way).
- Take your spudgering tool and release the plastic clips, starting at the top. There are no clips on the left side, just tabs.
- Lift and remove to the upper right, in order to release the tabs.

Step 3



- Slide the hard drive to the left, clear of the SATA connectors and lift it out.
- If you're having difficulty removing the hard drive, insert your spudger into the gap and gently ease the hard drive away from the SATA connectors.
- Remove the screw that holds the optical drive in and slide the drive out.
- Remove the screw that helps hold the keyboard in.

Step 4



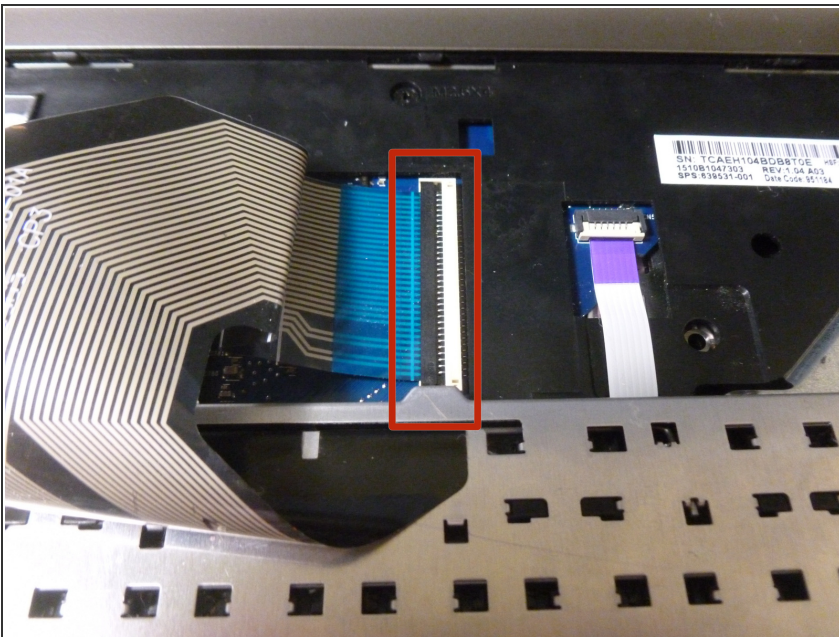
- Move the two tabs outward to release the RAM stick, then pull it out. Repeat for the other stick.

Step 5



- 9 plastic clips secure the keyboard.
- Detail of a clip.
- To release the clips, push them in with a screwdriver or similar tool, while lifting the keyboard up. The first few clips are the hardest.

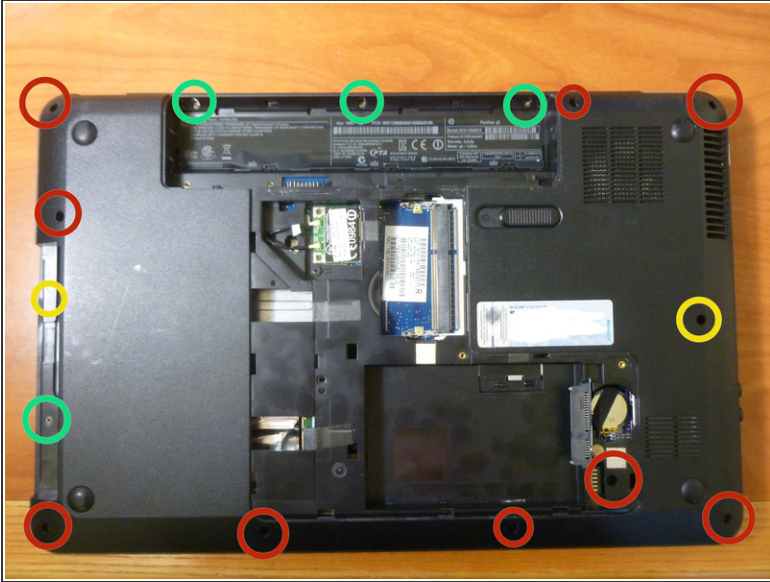
Step 6



⚠ The keyboard is still attached to the laptop by a cable. Use caution when lifting the keyboard away.

- To separate, gently pull the black part up so it's vertical. Then pull the cable out.

Step 7



- Remove all of the indicated screws.
- Note that these screws are smaller than the ones indicated with red circles.
- The screw on the right is hidden under a rubber plug. Remove the plug with a pointy object such as a push pin, then remove the screw.

Step 8



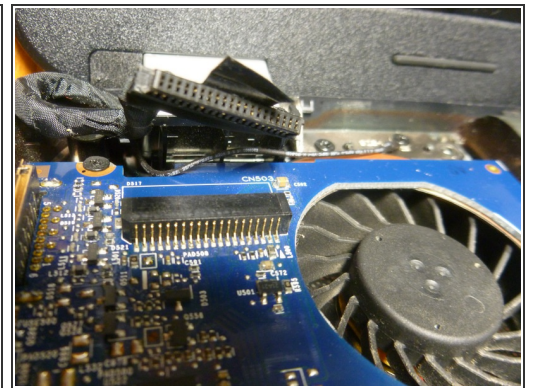
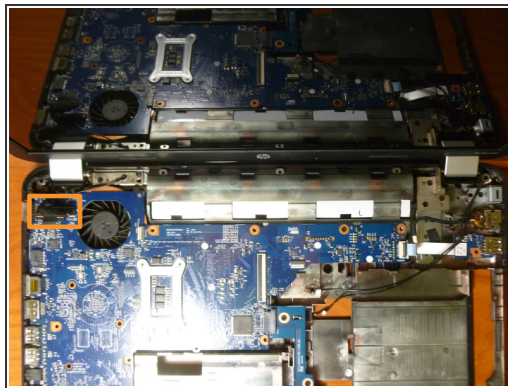
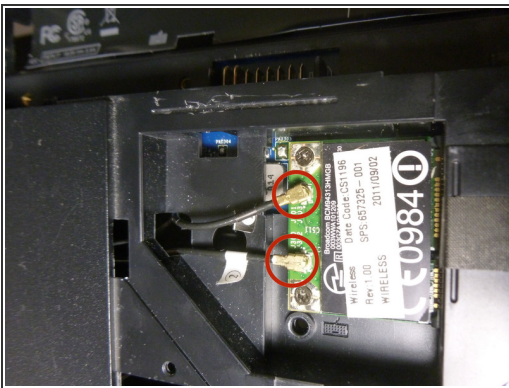
- Disconnect these cables in the same way you disconnected the keyboard cable.
- Also remove the six screws labeled "M2.5x4".

Step 9



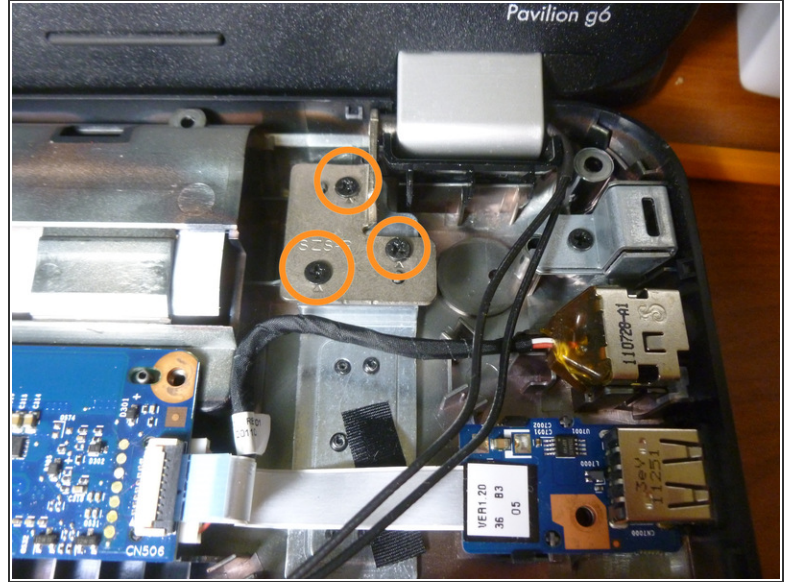
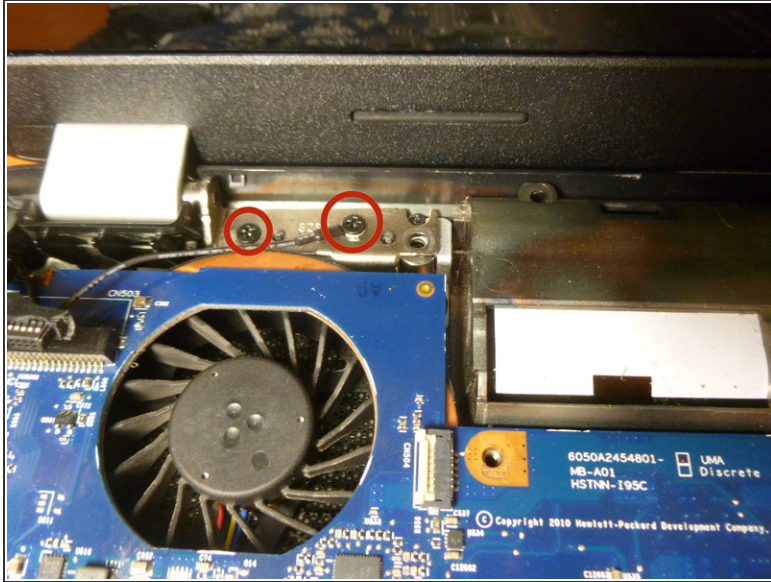
- The top of the laptop is held on by plastic clips. Take your guitar pick/butter knife/opening tool and start undoing the clips. It's usually easiest to start at the gap where the optical drive was located.
- ⓘ During re-assembly, be careful not to pinch the display cable in the upper left corner of the laptop.

Step 10



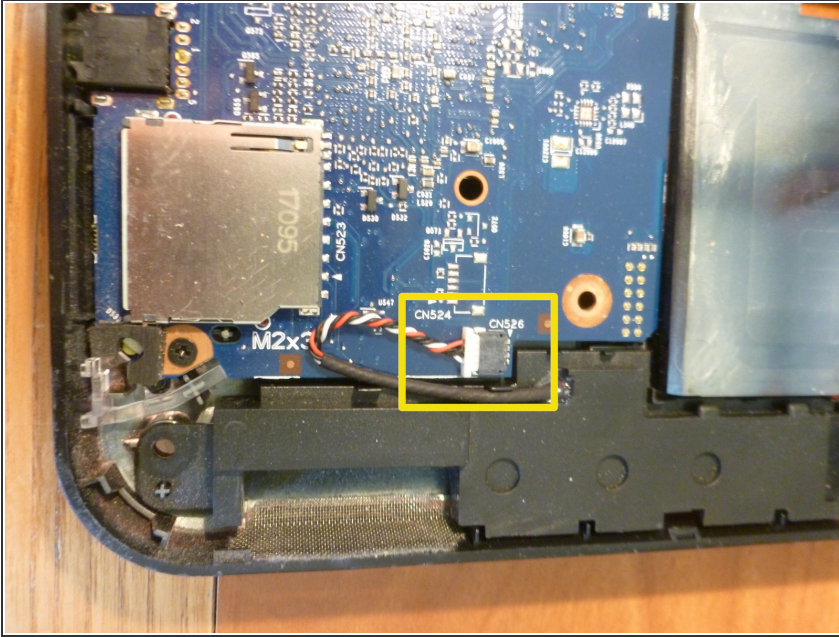
- ⓘ Open your laptop screen to its widest extent and prop it against something. This will help with the laptop being top-heavy.
- Detach the cables from the wifi card, noting the numbers on the cables and which ports they were plugged into.
- Unplug the display cable on the left side. First, partly peel the tape away, then use a screwdriver to help detach the cable. There are small tabs on each side to help.

Step 11



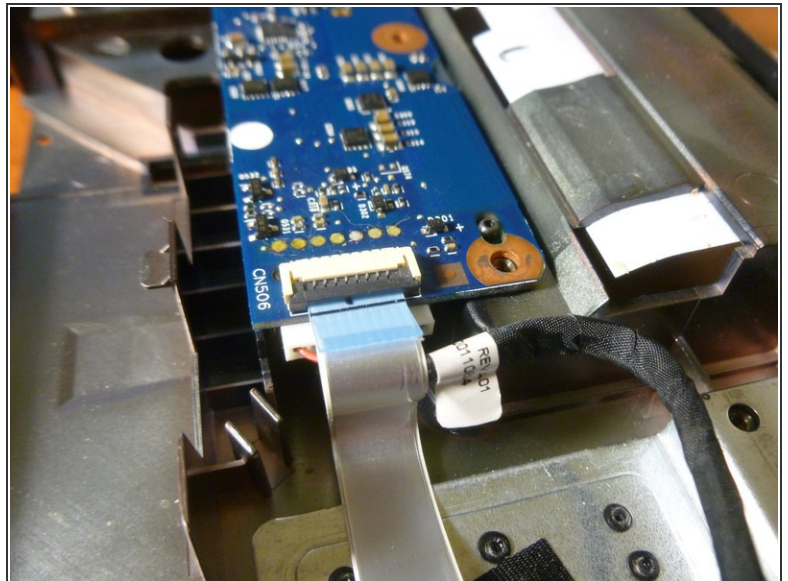
- Remove these screws on the left side to detach the hinge.
 - ☑ Remember to put the cable back under the screw when you reassemble!
- Remove these screws on the right side.
- Lift the display assembly away and set it aside.
- ⚠ When reassembling, these screws can't be tightened all the way. Just make them snug.

Step 12



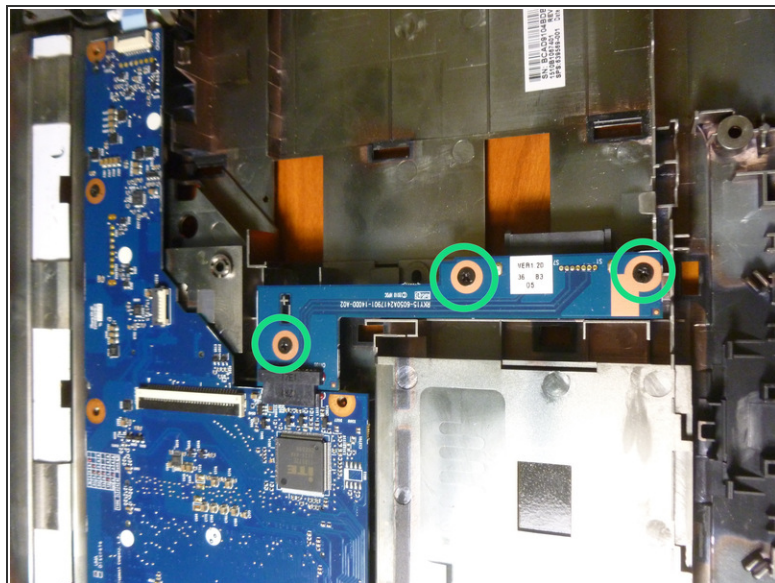
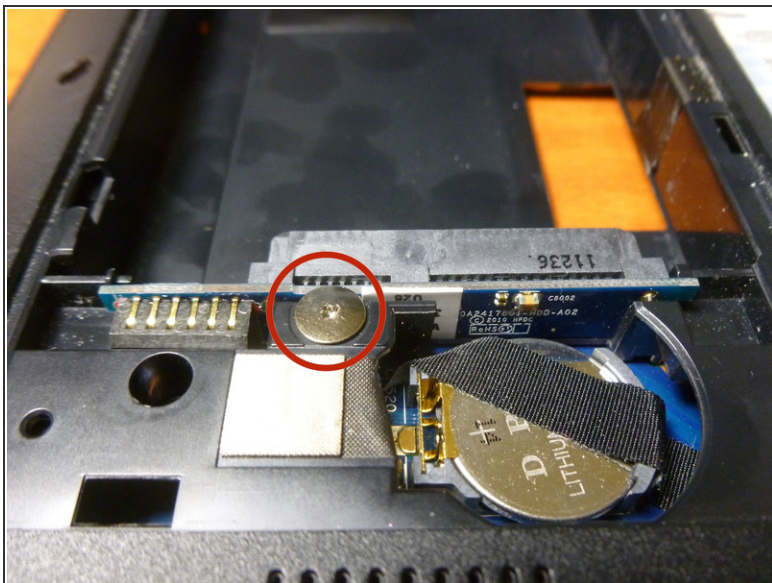
- Unplug the speakers and lift them both out.

Step 13



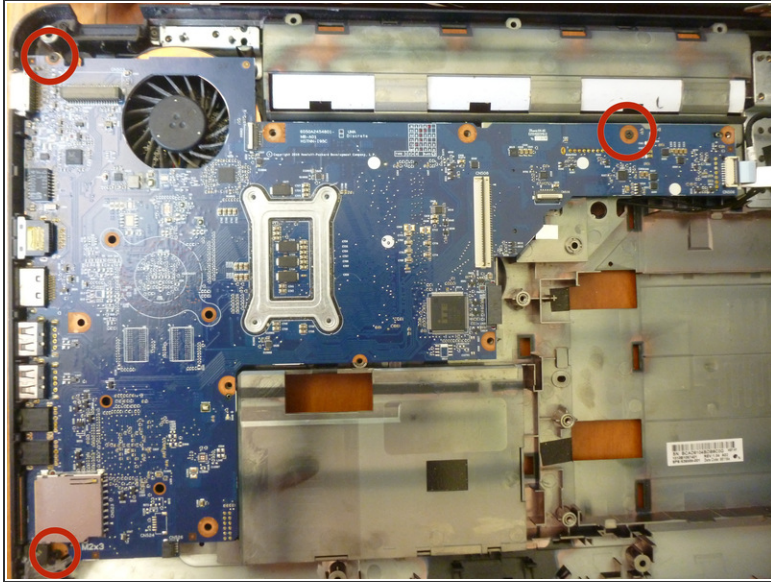
- Turn the laptop over and unscrew the wireless card. It will pop up, as the RAM did. Slide it out and set it aside.
- Near the upper right corner back on the top of the laptop, unplug the cable for the USB port by raising the black part. Then unplug the power cable by pulling it out.

Step 14



- On the bottom of the laptop, remove this screw, then lift the left side of the SATA assembly straight up to disconnect it from the motherboard. Remove and set aside.
- Unscrew these three screws, then move the assembly to the right to disconnect it from the motherboard.

Step 15



- Remove these three screws and move the motherboard to the right to lift it out of the frame.
- The cooling assembly. Use compressed air to blow all the dust out! I wouldn't recommend removing the CPU heat sink unless you have thermal paste handy to reapply.

To reassemble your device, follow these instructions in reverse order.

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